
NEW YORK CITY APPROVED PRODUCTS

EMERGI-LITE

Full range of emergency
lighting solutions



Depend on Emergi-Lite® for industry-leading expertise, reliability, and service

We offer a full range of emergency lighting solutions for safety you can trust.

You can count on outstanding quality and service from our North American manufacturing center of excellence. The ABB Emergi-Lite® Global Emergency Lighting Research & Innovation Center in Canada is a pioneering technology leader.

NYC-approved emergency lighting experts

Highly skilled mechanical, electrical and software engineers and product designers at Emergi-Lite® are specialists with proven expertise in the emergency lighting industry. We ensure that our NYC-approved products are compliant with the latest codes and regulations.

- UL
- NEC
- Life Safety Code
- OSHA
- New York City

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High output MR16 LED

Emergency lighting


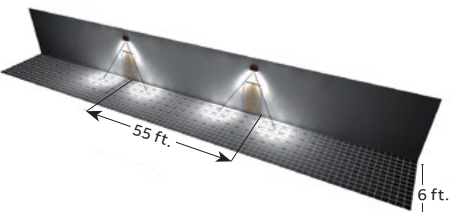

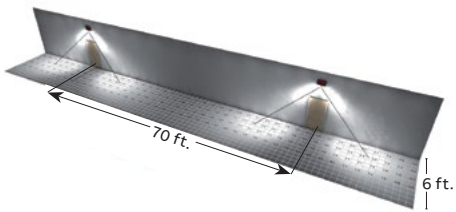

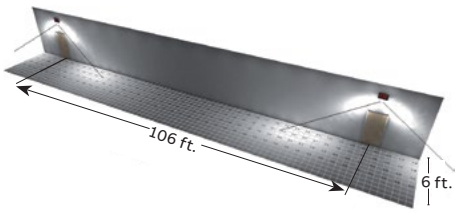
MR16 LED illumination

With the remarkable technology development in the last decade, the lightemitting diode (LED) is becoming the preferred solution in lighting applications. The emergency lighting industry is no exception: today virtually every new product introduced to market includes “white light” light LEDs for emergency illumination. Extremely efficient and long-lasting, LED lamps become the natural alternative to incandescent lamps due to three main advantages:


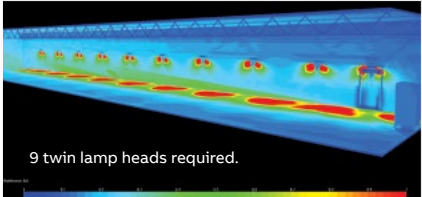

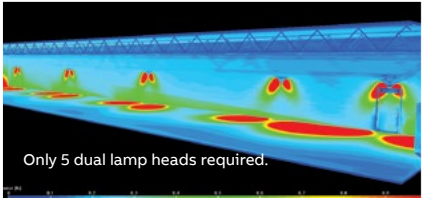

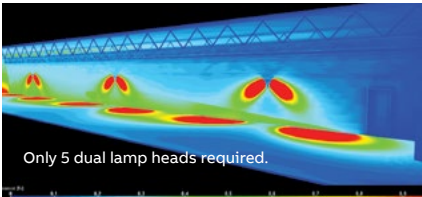

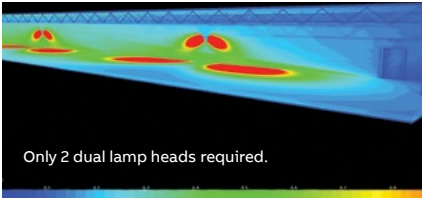

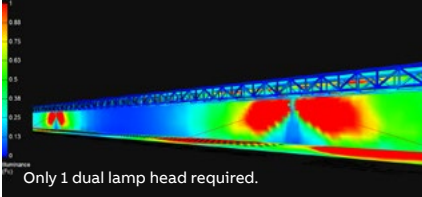
- **Lamp efficacy:** 50–100 lumens per watt compared to 15–30 lumens per watt of the best halogen lamp. Allowing for smaller batteries and units and/or remote capacity
- **Operational life:** 30,000+ hours, equivalent to a lifetime warranty in emergency lighting.
- **Lower lamp temperature:** 80–120°C (176–248°F) is a huge benefit for lighting in hazardous locations.

MR16 LED lamp benefits

- Reduces total cost of ownership, uses few fixture due to superior illumination, thus reducing installations cost and future maintenance of the entire system.
- UL-recognized components.
- Available for standard battery voltages 6V, 12V and 24V as well as 120V operation.
- Energy-efficient LED MR16 lamp provides equivalent lighting performance to a much higher watt halogen MR16 lamp.
- Reduces required battery capacity by 75%, for battery units and remote heads.
- Small profile, compact white lighting is ideal for architectural applications.
- Typical 30,000 hours of operational life.
- Vibration-resistant LED stands up to industrial environments.
- Ideal for indoor and outdoor use.

Lamp	Description	Photometry
	<p>200-220 Lumen 4W MR16 LED Leading the technology trend, Emergi-Lite® offers a complete series of 4W MR16 LED lamps available for all the standard battery voltages: 6V, 12V, 24V and 120V. With up to 30,000 hours of operational life and a luminous flux of typically 200 to 220 lumens, they are available with most emergency heads designed to hold an MR16 lamp and meet the majority of illumination specifications. For example: one pair of LED emergency heads installed at a height of 7.5ft illuminates a 55ft path of egress.</p>	 <p>55-ft. path of egress 2 X 4W MR16 LED Based on an average of 1 foot candle</p>
	<p>340 Lumen 5W MR16 LED Keeping pace with technology, in 2012 we introduced a 12V-5W MR16 LED lamp. With a typical luminous flux of 340 lumens, this lamp has the same lighting performance as a 20W high-output halogen MR16. A twin emergency head installed at a height of 7.5ft illuminates 70ft path of egress.</p>	 <p>70-ft. path of egress 2 X 5W MR16 LED Based on an average of 1 foot candle</p>
	<p>540-590 Lumen 6W MR16 LED A 6W MR16 LED lamp delivers up to 590 lumens for an average spacing in emergency lighting of 106 feet with an efficacy of 98.3 Lm/w, it is over 6 times the efficacy of a MR16 35W halogen with similar light output. This lamp can deliver the highest linear foot of illumination per watt on a path of egress! (spacing in feet / watt) 8.83ft compare to 1.37ft for a MR16 35W.</p>	 <p>106-ft. path of egress 2 X 6W MR16 LED Based on an average of 1 foot candle</p>

Highly efficient LEDs provide many cost-saving benefits

Series	Thermal imagery – 150 foot hallway	
<p>NYLED-2-N – NYC Approved battery 3.6V-1.5W LED Heavy-duty steel housing battery</p>		 <p>9 twin lamp heads required.</p>
<p>JSM18-2150LAFM – JS Series 6V-4W LED Steel housing battery with 18W capacity</p>		 <p>Only 5 dual lamp heads required.</p>
<p>12JSM20-2150LGFM – JS Series 12V-4W LED Steel housing battery with 20W capacity</p>		 <p>Only 5 dual lamp heads required.</p>
<p>12JSM20-2150LJFM – JS Series-12V-6W LED Steel housing battery with 20W capacity</p>		 <p>Only 2 dual lamp heads required.</p>
<p>JSM36-2L15FM – JS-HP Series-12V-15W LED Thermoplastic housing battery with 36W capacity</p>		 <p>Only 1 dual lamp head required.</p>

NYC Approved LED exit & combo units

Commercial unit equipment
Combination emergency light
and 8" exit sign



Designed and manufactured specifically to meet New York City's local code requirements for places of public assembly. The LED NYC Economizer™ series combines 3.6V, 2 or 3-head emergency lighting with an 8" self-powered exit sign in one compact easy-to-install unit. Also available in an 8" self-powered steel exit sign

UL 924 Listed

Complies with NEC, Life Safety Code and OSHA

Light source

- 3 (1.5W) LED lamps, 150 lumens per lamp in combination heads
- LED Exit - long life energy saving LED

Sealed maintenance-free battery

Nickel-cadmium

Standard features

• Housing

- Heavy duty steel case with white powder-coat finish
- Exit sign stencil face has 8" high letters and universal knock-out chevrons
- Exit sign can be ceiling, end, or wall mounted
- Combination units can be wall and side mounted

• Electrical

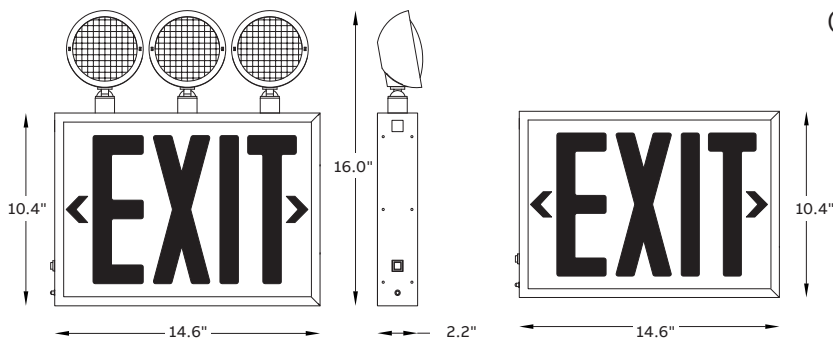
120V/277V operation standard

• Reliability

This series has a 3-year full warranty (excluding lamps and pilot lights)

Dimensions

Dimensions are approximate and subject to change.



Unit selection chart

Series	Description	Color	Stencil	Input
8NY-N-R-N	8" Exit self-powered	White	Red	120/277VAC, 60Hz 0.034A / 0.017A
8NY-2/3R-LED-N	8" Combo 2/3 heads	White	Red	120/277VAC, 60Hz 0.035A/0.016A

Example: 8NY-N-R-N

NYC Approved LED Battery units

This series is offered where an attractive conventional emergency lighting unit is required



Ideal for spaces that require a highly efficient LED emergency lighting unit with 2 or 3 lighting heads and a steel enclosure. Each lamp head provides 150 lumens

UL 924 Listed

Complies with NEC, Life Safety Code and OSHA

Fully automated and easy to install

Sealed maintenance-free battery

3.6V nickel-cadmium

Standard features

• Unit data

Constructed of 20 gauge heavy-duty steel and a durable white powder-coat finish. The NYLED-2/3 unit is furnished with 2 or 3 glare-free heads (1.5W LED); the NYLED-2 unit is furnished with 2 (1.5W) LED heads

• Electrical

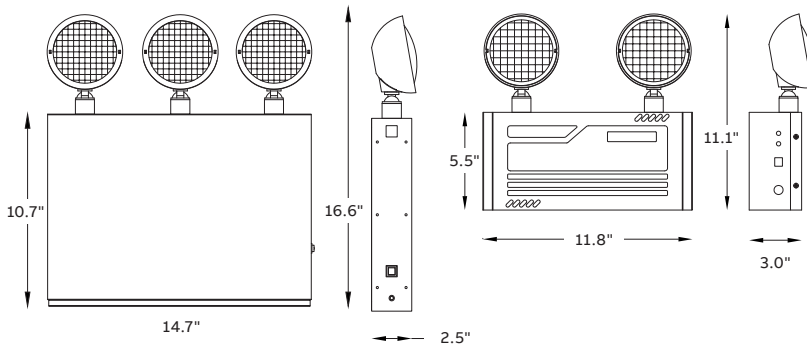
- 120V/277V Input standard
- Low voltage disconnect prevents over discharge of battery
- Brownout protection standard

• Reliability

This series has a 3-year full warranty (excluding lamps and fuses)

Dimensions

Dimensions are approximate and subject to change.



Unit selection chart

Series	D.C. Voltage	Number of heads	Color
NYLED-2-N	3.6V	2 X 1.5W LED lamps	White
NYLED-2/3-N	3.6V	3 X 1.5W LED lamps	White

Example: NYLED-2

NYC Approved AGC8 Series

NYC extruded aluminum
edge-lit combo



Ideal for commercial applications, the Edge-Lit combo exit sign includes panels for single and double face applications for universal mounting: wall and ceiling, surface or recessed. High-performance LED with self-diagnostic testing capability to provide optimal illumination.

UL 924 Listed

Complies with NEC, Life Safety Code and OSHA Illumination Standards

Legend colors:

Red on clear and red on mirror panel

• Construction

- Extruded aluminum trim plate
- 8 inch EXIT lettering legend, available in red
- Acrylic panel
- Single face red on clear, double face red on mirror
- Lamp heads are fully adjustable
- 2.5W, 400 lumens per head

• Electrical

- High temperature long life Ni-MH battery
- 120/277VAC 60Hz
- Standard Self-Diagnostics

• Mounting

Wall and ceiling surface or recessed mount

• Approvals

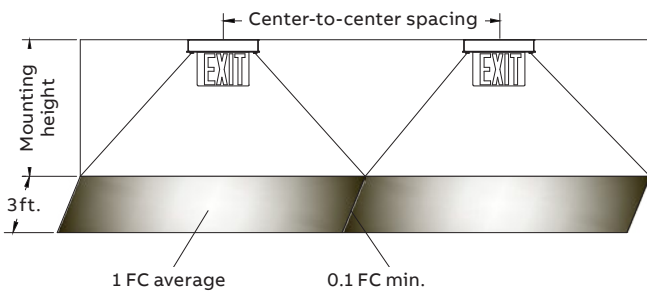
- UL 924 listed
- Damp location 41°F to 104°F (5°C to 40°C)
- NYC Approved

• Reliability

3-year limited warranty

Photometric performance

Lamp	Spacing center-to-center (feet)	7.5' mounting height
AGC8-2HO		30'



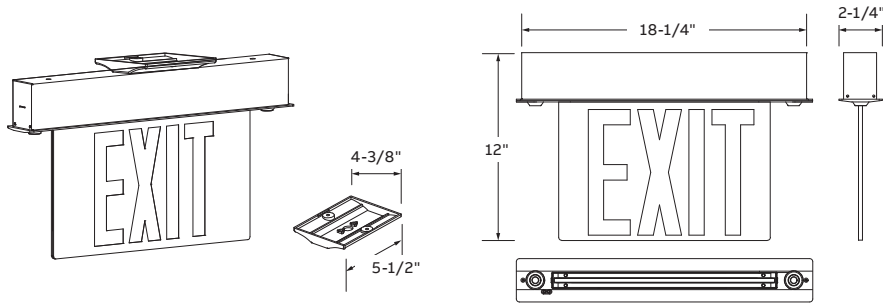
EXIT sign on clear panel



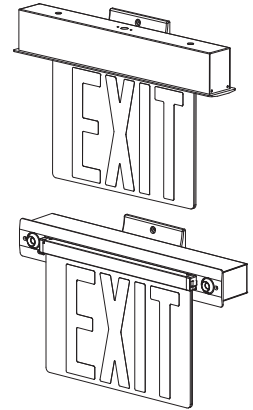
Dimensions

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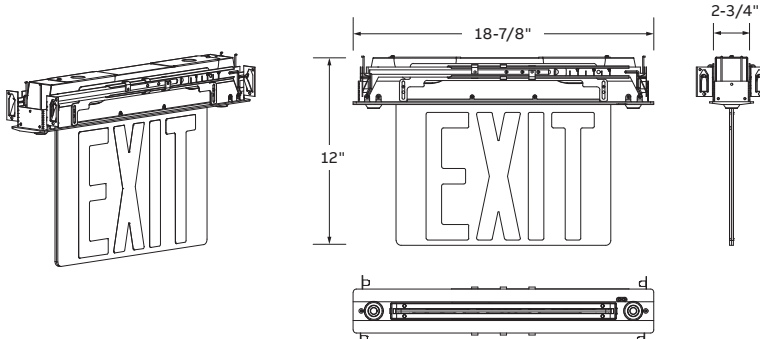
Surface ceiling mount



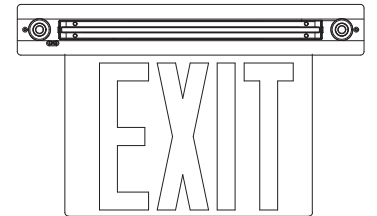
Surface wall mount



Recessed mount



Recessed wall mount



Power consumption

Model	AC specs	Voltage	DC specs
AGC8-2HO	120/277VAC, 60Hz	3.6V	Ni-MH SC 2500mAh

How to order

Model	Face/Arrow (Universal mounting)	Color	Input
AGC8	Blank= Universal faces	Blank= Brushed aluminum	-2HO= 2 High output LED lights

Example: AGC8-2HO

NYC Approved Total Edge™ Series

Surface and recessed mount Edge-Lit Exit Sign



Ideal for areas with limited space, the Total Edge™ edge-lit exit sign has a pivoting panel design for universal mounting: surface, recessed or end-mount. High-performance, low power consumption LEDs provide illumination

UL 924 Listed

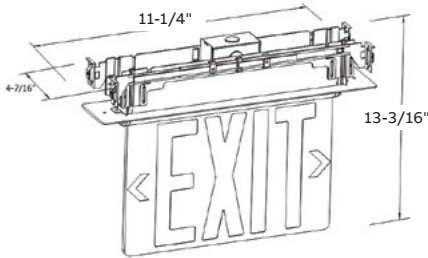
Complies with NEC, Life Safety Code and OSHA Illumination Standards

Legend colors:

Red on clear on single face unit and red on mirror for double face panel

Dimensions

Dimensions are approximate and subject to change.



Unit rating chart

Model		AC Specs	DC Specs
Red	Self-Powered	120VAC, 60Hz 277VAC, 60Hz	2.0-2.6W 2.6-3.1W
			Ni-Cd battery Minimum 90 minutes

Unit selection chart

Housing color	Series	Faces	Color	Panel background color	Legend
AG= Brushed aluminum and gray end cap	PN= Self-powered	3= Universal faces	R= Red	CM= Single face red on clear Double face red on mirror	8= 8 inch Exit with universal chevrons

Example: AGPN1RC8

Standard features

- Surface and semi-recessed mounting
- Peel-off chevrons
- Special wording panel not available
- Comes with 2 panels, single face red on clear and double face red on mirror

Construction

Brushed aluminum housing, gray plastic end-caps, with high grade acrylic panel and thermoplastic canopy

Electrical

- 120V/277V operation standard
- Self-powered models feature battery delivering more than 90 minutes capacity in emergency mode

Installation

- Surface mount: Pivoting panel design allows for surface installation in any applications, including ceilings and walls
- Semi recessed mount: Includes back box and necessary hardware for joist or T-Bar ceilings and is vertically adjustable to install in most ceiling thickness. Not intended for closed ceilings such as sheet-rock or plaster. Mounting bars lock in place with two screws.

Reliability

3-year limited warranty



NYC Approved Revelation™ Series

Virtually invisible emergency lighting
Generator capable 12V up to 100W capacities



Designed for architectural applications, the Revelation™ Series stays hidden until needed. In normal conditions (stand-by) the emergency light is concealed in the wall or ceiling. In case of power failure, the door of the unit rotates open 180° and exposes the emergency light. When main power returns or at the end of the discharge period, the light turns off and the door rotates closed automatically

For concealed use in walls or ceilings with cavity; bar hangers provided for sheet rock or T-bar ceilings

**Designer-friendly finish can be customized on site with paint, wallpaper, or other coverings
Choice of various 12 volt MR16 LED lamp wattages**

CSA-US approved to UL 924 standards

Standard features

- **Housing**
 - Galvanized steel-back-box
 - Easy access to internal components
- **Power requirements**
 - 120/277 VAC, 60 Hz
- **Reliability**
 - 5-year limited warranty



Unit rating chart

Model	Watts to 87-1/2% of rated battery voltage			
	1-1/2 hrs	2 hrs	4 hrs	8 hrs
RTM40, RTN40	40	30	24	-
RTM70, RTN70	70	50	40	24
RTM100, RTN100	100	70	50	40

Unit selection chart

Unit capacity	Battery type
M40= 12V-40W	Lead-calcium
M70= 12V-70W	Lead-calcium
M100= 12V-100W	Lead-calcium
N40= 12V-40W	Nickel-cadmium
N70= 12V-70W	Nickel-cadmium
N100= 12V-100W	Nickel-cadmium

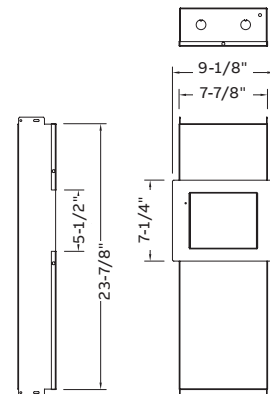
Unit selection chart

Series	Battery type	Unit capacity	Lamp type/wattage	Options
RT	M= Lead-cadmium	40= 12V-40W	-2 (LG)= 12V-4W, MR16 LED	AD= Advanced Diagnostics (audible) ¹
	N= Ni-Cd	70= 12V-70W	-2 (LI)= 12V-5W, MR16 LED	ADNA= Advanced Diagnostics (non-audible) ¹
		100= 12V-100W	-2 (LJ)= 12V-6W, MR16 LED	DL= Damp location ²
				D3= Time delay (15 minutes)
				X= Back box shipped separately

Example: RTM100-2(LJ)-D3

Dimensions

Dimensions are approximate and subject to change.



¹AD & ADNA include a time delay feature that can be enabled/disabled in the field or set by the factory

²Available on all models except Ni-Cd 100W

NYC Approved Mini Revelation™ Series

The full retrofit unseen solution – 12V-40W capacities



Specially designed for retrofit use in a finished wall with cavity; designed for installation into an 8-1/4" by 5-3/4" opening. In normal conditions (stand-by) the Revelation™ series emergency light is concealed in the wall or ceiling. In case of power failure, the door of the unit rotates open 180° and exposes the emergency light. When main power returns or at the end of the discharge period, the light turns off and the door rotates closed automatically

For concealed use in walls with cavity

Designer-friendly finish can be customized on site with paint, wallpaper, or other coverings

Choice of various 12V MR16 LED lamp wattages

CSA-US approved to UL 924 standards
Standard features

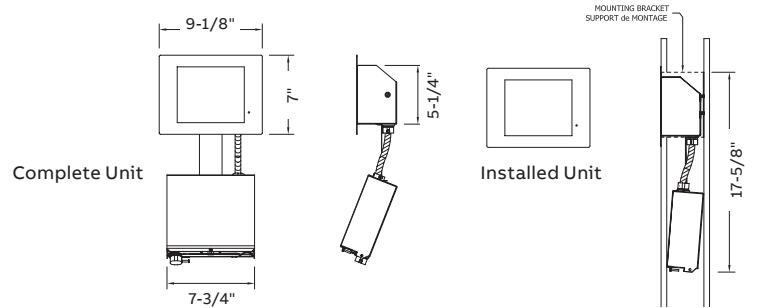
- **Housing**
 - Galvanized steel-back-box
 - Easy access to internal components

- **Power requirements**
120/277 VAC, 60 Hz

- **Reliability**
5-year limited warranty

Dimensions

Dimensions are approximate and subject to change.



Unit rating chart

Model	Watts to 87-1/2% of rated battery voltage			
	1-1/2 hrs	2 hrs	4 hrs	8 hrs
MRT-40	40	30	24	-

Unit selection chart

Series	Battery type	Unit capacity	AC input	Lamp type/wattage	Options
Battery unit= MRT	M= Lead-calcium N= Nickel-cadmium	40= 12V-40W	Blank= 120/277VAC	-2 (LG)= MR16 LED, 12V-4W -2 (LI)= MR16 LED, 12V-5W -2 (LJ)= MR16 LED, 12V-6W	-AD= Advanced Diagnostics (audible) ¹ -ADNA= Advanced Diagnostics (non-audible) ¹ -D3= Time delay (15 minutes) -DL= Damp location (only MRTN40, MRTH40) ²

Example: MRTM40-2(LG)-AD

¹AD & ADNA include a time delay feature that can be enabled/disabled in the field or set by the factory

²Available on all models except Ni-Cd 100W

NYC Approved RS Series

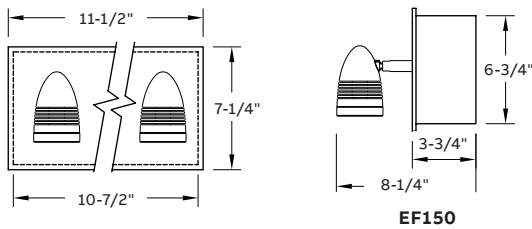
Designed for fully recessed installation in walls or ceilings



A decorator-friendly low-profile emergency light available with a selection of lighting heads to suit any décor

Dimensions

Dimensions are approximate and subject to change.



UL 924 standards

Standard features

- **Housing**
 - Steel housing
 - Standard off-white finish, optional black finish
- **Lighting heads**
 - Decorative die-cast aluminum
 - Choice of MR16 LED lamp wattages

Unit rating chart

Sealed maintenance-free battery types	DC voltage	Model number	Battery capacity in watts			
			1-1/2 hrs	2 hrs	3 hrs	4 hrs
Lead-calcium	6	RSM18	18	12	9	-
	6	RSM27	27	18	14	10
	6	RSM36	36	25	20	14
	12	12RSM36	36	25	20	14
Nickel-cadmium	6	RSC18	18	12	10	-
	6	RSC25	25	18	12	9
	12	12RSC36	36	21	15	12
	12	12RSC50	50	36	25	18

Electrical

120/277, 60 Hz

Reliability

5-year limited warranty



Unit selection chart

Color	Series/battery type	# of heads	Head style	Lamp type/wattage	Options
Blank= Factory white	Lead-calcium	-0= No head	150= EF150 deco heads	LA= 6V-4W, MR16 LED	Blank= No options
B= Black enclosure	RSM18= 6V-18W	-1= One head	MR16	LB= 6V-5W, MR16 LED	-AD= Advanced Diagnostics (audible)
	RSM27= 6V-27W	-2= Two heads		LG= 12V-4W, MR16 LED	-ADNA= Advanced Diagnostics (non-audible)
	RSM36= 6V-36W			LI= 12V-5W, MR16 LED	-D3= Time delay (15 minutes)
	12RSM36= V12V-36W			LJ= 12V-6W, MR16 LED	
	Nickel-cadmium				
	RSC18= 6V-18W				
	RSC25= 6V-25W				
	12RSC36= 12V-36W				
	12RSC50= 12V-50W				

Example: BRSC18-2150LA-AD

NYC Approved TS Series

Designed for unobtrusive use in T-bar ceiling



This emergency light has a fully recessed housing that blends in for architectural unity. Provides wide center-to-center spacing of up to 100 feet at a 7-foot mounting height using LJ lamps

UL 924 Listed

Complies with NEC, Life Safety Code and OSHA Illumination Standards

Standard features

- **Housing**
 - Steel housing
 - Standard off-white finish, optional black finish
- **Lighting heads**
 - Decorative die-cast aluminum
 - Choice of MR16 LED lamp wattages

• **Mounting**

- Fully recessed ceiling or wall-mount
- Hanger bars included for lay-in installation in T-bar grid
- Suitable for sheet rock installation

• **Choice of sealed maintenance-free battery**

- 6V or 12V lead-calcium battery
- 6V or 12V nickel-cadmium battery

• **Electrical**

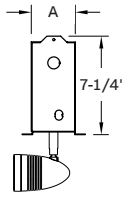
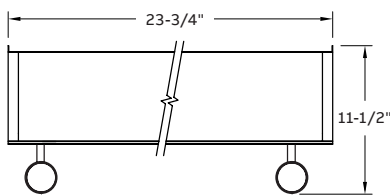
120/277, 60 Hz

• **Reliability**

5-year limited warranty

Dimensions

Dimensions are approximate and subject to change.



EF150



Cabinet information

Cabinet size	Dimensions
S	3-1/4"
L	5-5/8"

Unit rating chart

Sealed maintenance-free battery types	DC voltage	Model number	Battery capacity in watts				Cabinet size
			1 1/2 hrs	2 hrs	3 hrs	4 hrs	
Lead-calcium	6	TSM18	18	12	10	7	S
	6	TSM27	27	18	14	10	S
	6	TSM36	36	25	20	14	S
	6	TSM54	54	37	28	21	S
	6	TSM81	81	54	42	30	L
	6	TSM110	110	72	56	40	L
	12	12TSM36	36	25	20	14	S
	12	12TSM54	54	37	28	21	S
	12	12TSM110	110	72	56	40	L
	24	24TSM110	110	72	56	40	L
Nickel-cadmium	6	TSC18	18	12	9	6	S
	6	TSC25	25	18	12	9	S
	12	12TSC36	36	21	15	12	S
	12	12TSC50	50	36	25	18	S
	24	24TSC100	100	73	50	37	L

Unit selection chart

Series	Series/battery type/capacity	# of heads	Head style	Lamp type/wattage	Options
Blank= Factory white enclosure	Lead-calcium TSM18= 6V-18W lead-calcium TSM27= 6V-27W lead-calcium TSM36= 6V-36W lead-calcium TSM54= 6V-54W lead-calcium TSM81= 6V-81W lead-calcium TSM110= 6V-110W lead-calcium 12TSM36= 12V-36W lead-calcium 12TSM54= 12V-54W lead-calcium 12TSM110= 12V-110W lead-calcium 24TSM110= 24V-110W lead-calcium Nickel-cadmium TSC18= 6V-18W nickel-cadmium TSC25= 6V-25W nickel-cadmium 12TSC36= 12V-36W nickel-cadmium 12TSC50= 12V-50W nickel-cadmium 24TSC100= 24V-100W nickel-cadmium	-0= No head -1= One head -2= Two heads -3= Three heads	150= EF150 heads MR16	LA= 6V-4W, MR16 LED LB= 6V-5W, MR16 LED LG= 12V-4W, MR16 LED LI= 12V-5W, MR16 LED LJ= 12V-6W, MR16 LED LL= 24V-4W, MR16 LED	-AD= Advanced Diagnostics (audible)¹ -ADNA= Advanced Diagnostics (non-audible)¹ -D3= Time delay (15 minutes) -NEXRF= Nexus® wireless (consult your sales representative)

Example: BRSC18-2150LA-AD

¹Minimum lamp load required: 20% of unit capacity. Not available with 100W Ni-Cd 24V.

JS-HP Series

High performance and labor saving features normally found in higher voltage units



Housing

- Steel housing
- Standard gray finish, optional black finish

Lamp heads

- 6W (L6 lamp suffix), 10W (L10 lamp suffix) and 15W (L15 lamp suffix) high efficacy LED emergency heads outperform traditional 50W MR16-IR halogen
- Black heads available in 15W (L15 lamp suffix) only
- Innovative head design: four-LED and dual-driver provide illumination even in case of unexpected component failure
- Die-cast aluminum, LED heads

Mounting

- Wall or ceiling mount
- Universal J-box mounting

Electronics

- Pulse plus charger
- Low voltage disconnect
- Automatic brownout protection
- Battery lock-out
- Fused output circuit
- Optional **Advanced Diagnostics**
- Optional Nexus® monitoring system
- 120/277 60Hz

Choice of battery

- 12V lead-calcium battery
- 12V nickel-cadmium battery

Approvals

- UL 924 listed
- NYC approved

Warranty

Unit has a five-year limited warranty

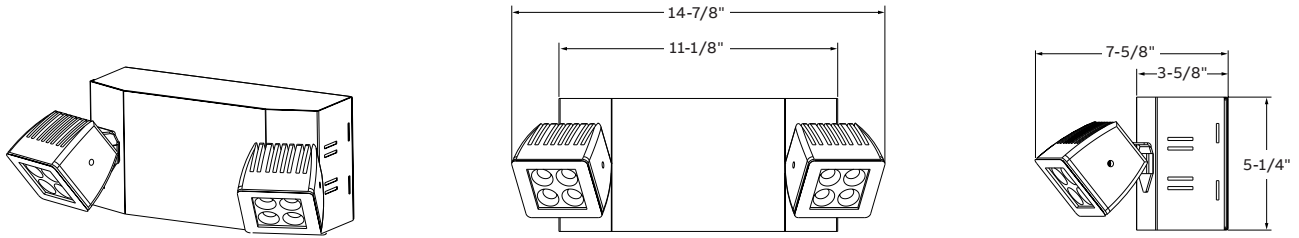


Unit rating – equipment with remote capability

Sealed maintenance-free battery types	DC voltage	Model number	Battery capacity in watts				Cabinet size
			1 1/2 hrs	2 hrs	3 hrs	4 hrs	
Lead-calcium	12	12JSM36-2	36	25	20	14	S
Nickel-cadmium	12	12JSC30-2	30	21	15	12	S
	12	12JSC40-2	40	36	25	18	S

Dimensions

Dimensions are approximate and subject to change.



Photometric performance

The JS-HP Series of LED emergency lights deliver a stable and consistent illumination on the path of egress for a wide range of mounting heights. Depending on the application, one may select and specify among three level of lumen output and cross reference to traditional incandescent emergency lights below.

NEMA 1 environment: wall mounted equipment, reflectances: 10/10/10; 6-ft wide illumination path. 200 ft X 200 ft X 30 ft space.

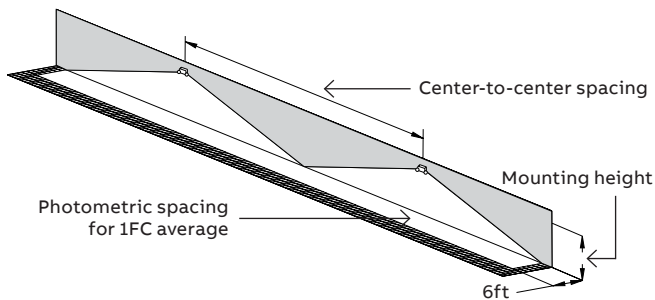
Illumination as per NFPA101;
Average: 1fc; Min: 0.1fc; Max/min < 40:1

Illumination

LED head	Power	Total lumens	Out-perform spacing of the incandescent
L6	6W	565	35W PAR36, MR16 halogen
L10	10W	1000	50W PAR36, MR16 halogen
L15	15W	1300	50W MR16-IR halogen

NEMA 1 environment – wall mounted equipment

Mounting height	Spacing center-to-center (feet)		
	Lamp l6 / 6w, 565lm	Lamp l10 / 10w, 1000lm	Lamp l15 / 15w, 1300lm
10 ft	80	110	140
15 ft	70	105	135
20 ft	60	100	130
25 ft	50	95	120



Accessories (order as a separate item)

Description	Suffix
Mounting bracket	BJ-E
Wire guard (front mounted heads)	WG10-E

How to order

Color	Series/capacity	# of lamps	Head style	Head mounting	Options
B= Black ¹	Lead-calcium	-2= Two heads	L6= 12V-6W (565 lumens)	FM= Front mount	-AD= Advanced Diagnostics (audible)
G= Gray	12JSM36 = 12V-36W, lead-calcium		L10= 12V-10W (1000 lumens)		-ADNA= Advanced Diagnostics (non-audible)
	Nickel-cadmium		L15= 12V-15W (1300 lumens)		-NEXRF= NEXUS [®] wireless
	12JSC30 = 12V-30W, nickel-cadmium				-C= Line cord 120V 3 feet
	12JSC40 = 12V-40W, nickel-cadmium				-D3= Time delay (15 minutes)

Example: G12JSC30-2L15FM-AD

¹Available with 15 watt heads only

NYC Approved JS Series

Steel housing 6V & 12V emergency light up to 54W capacities



For maximum versatility, the JS Series steel housing emergency lighting battery unit accommodates a wide range of lamp heads and lamps, and even has a front-mounted head option for low ceiling installations

UL 924 Listed

Complies with NEC, Life Safety Code and OSHA Illumination Standards

Standard features

- **Housing**
 - Steel housing
 - Standard off-white finish, optional black finish
- **Lighting heads**
 - Decorative die-cast aluminum
 - Choice of MR16 LED lamp wattages

• **Mounting**

- Ceiling or wall mount
- Universal J-box mounting

• **Choice of sealed maintenance-free battery**

- 6V or 12V lead-calcium battery
- 6V or 12V nickel-cadmium battery

• **Electrical**

120/277, 60 Hz

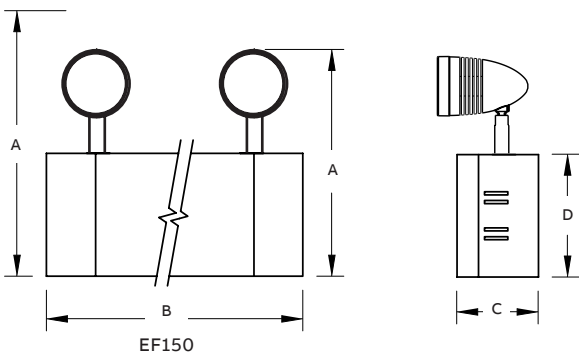
• **Reliability**

3-year limited warranty



Dimensions

Dimensions are approximate and subject to change.



Cabinet information

Cabinet size	Dimensions			
	A	B	C	D
S	11-3/8" // 9-3/4"	11"	3-1/2"	5-1/4"
L	12-3/8" // 10-3/4"	12-3/4"	4"	6-1/4"

—
Unit rating

Sealed maintenance-free battery types	DC voltage	Model number	Battery capacity in watts				Cabinet size
			1 1/2 hrs	2 hrs	3 hrs	4 hrs	
Lead-calcium	6	JSM9	9	6	—	—	S
	6	JSM18	18	12	10		S
	6	JSM27	27	18	14	10	S
	6	JSM36	36	25	20	14	S
	6	JSM54	54	37	28	21	L
	12	12JSM36	36	25	20	14	S
Nickel-cadmium	12	12JSM54	54	37	28	21	L
	6	JSC18	18	12	—	—	S
	6	JSC25	25	18	12	9	S
	12	12JSC36	36	21	15	12	S
	12	12JSC50	50	36	25	18	S

—
How to order

Color	Series/capacity	# of lamps	Head style	Lamp type/wattage	Options
Blank= Off white B= Black	Lead-calcium JSM9= 6V-9W, lead-calcium JSM18= 6V-18W, lead-calcium JSM27= 6V-27W, lead-calcium JSM36= 6V-36W, lead-calcium JSM54= 6V-54W, lead-calcium 12JSM20= 12V-20W, lead-calcium 12JSM36= 12V-36W, lead-calcium 12JSM54= 12V-54W, lead-calcium Nickel-cadmium JSC18= 6V-18W, nickel-cadmium JSC25= 6V-25W, nickel-cadmium 12JSC36= 12V-36W, nickel-cadmium 12JSC50= 12V-50W, nickel-cadmium	-0= No head -1= One head -2= Two heads	150= EF150 lamp heads	LA= 6V-4W, MR16 LED LB= 6V-5W, MR16 LED LG= 12V-4W, MR16 LED LI= 12V-5W, MR16 LED LJ= 12V-6W, MR16 LED	-AD= Advanced Diagnostics (audible) -ADNA= Advanced Diagnostics (non-audible) -NEXRF= NEXUS® wireless (contact your sales representative) -C= Line cord 120V 3 feet -D3= Time delay (15 minutes) -FM= Front mounted heads

Example: JSC18-1150LA

NYC Approved LS Series

A multitude of options makes LS series emergency lighting extremely versatile to suit a wide range of requirements.



A multitude of options makes LS Series emergency lighting extremely versatile to suit a wide range of requirements. Available in 6, 12 and 24V units with up to 220W capacity. Specify 1 to 3 lamp heads in different styles, and choose from 4W, 5W, and 6W LED lamps

UL 924 Listed

Complies with NEC, Life Safety Code and OSHA Illumination Standards

Standard features

- **Housing**
 - Steel housing
 - Standard off-white finish, optional black finish
- **Lighting heads**
 - Decorative die-cast aluminum
 - Choice of MR16 LED lamp wattages

• **Mounting**

- Ceiling or wall mount
- Universal J-box mounting

• **Choice of sealed maintenance-free battery**

- 6V or 12V lead-calcium battery
- 6V or 12V nickel-cadmium battery

• **Electrical**

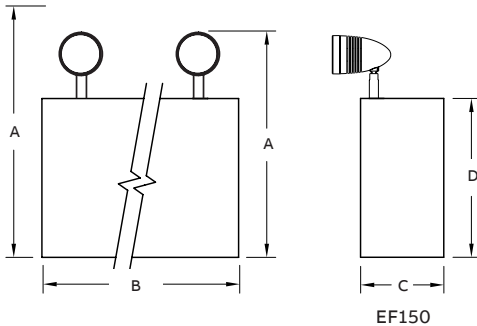
120/277, 60 Hz

• **Reliability**

3-year limited warranty

Dimensions

Dimensions are approximate and subject to change.



Cabinet information

Cabinet size	Dimensions			
	A	B	C	D
A	14-5/8" // 13"	12-3/4"	3-1/8"	8-1/2"
B	16-3/8" // 14-3/4"	16-1/8"	5-7/16"	10-1/4"
C	18-3/8" // 16-3/4"	16-1/2"	7-1/4"	12-1/4"

Unit rating

Sealed maintenance-free battery types	DC voltage	Model number	Battery capacity in watts				# of load fuses	Cabinet size
			1 1/2 hrs	2 hrs	3 hrs	4 hrs		
Lead-calcium	6	LSM18	12	12	10	7	1	A
Nickel-cadmium	6	LSC18	18	12	9	6	1	A
			1 1/2 hrs	2 hrs	3 hrs	8 hrs		
Lead-calcium	6	LSM27	27	18	10	6	1	A
	6	LSM36	36	25	14	7	1	A
	6	LSM54	54	37	21	12	1	A
	6	LSM81	81	54	36	18	2	B
	6	LSM110	110	72	40	24	2	B
	6	LSM162	162	108	60	48	2	C
	6	LSM200	200	144	80	48	2	C
	12	12LSM36	36	25	14	7	1	A
	12	12LSM54	54	37	21	12	1	A
	12	12LSM110	110	72	40	24	2	B
	12	12LSM162	162	108	60	36	2	C
	12	12LSM220	220	144	80	48	2	C
	24	24LSM110	110	72	40	24	2	B
	24	24LSM220	220	144	80	48	2	C
Nickel-cadmium	6	LSC25	25	18	9	-	1	A
	12	12LSC36	36	21	12	6	1	A
	12	12LSC50	50	36	18	10	1	A
	24	24LSC100	100	73	37	20	2	B
	24	24LSC72	72	42	24	12	2	B
	24	24LSC100	100	73	37	20	2	B

How to order

Color	Series/capacity	# of lamps	Head style	Lamp type/wattage	Options
Blank= Off white B= Black	LSM Series LSM18= 6V-18W lead-calcium LSM27= 6V-27W lead-calcium LSM36= 6V-36W lead-calcium LSM54= 6V-54W lead-calcium LSM81= 6V-81W lead-calcium LSM110= 6V-110W lead-calcium LSM162= 6V-162W lead-calcium LSM200= 6V-200W lead-calcium 12LSM36= 12V-36W lead-calcium 12LSM54= 12V-54W lead-calcium 12LSM110= 12V-110W lead-calcium 12LSM162= 12V-162W lead-calcium 12LSM220= 12V-220W lead-calcium 24LSM110= 24V-110W lead-calcium 24LSM220= 24V-220W lead-calcium LSC Series LSC18= 6V-18W nickel-cadmium LSC25= 6V-25W nickel-cadmium 12LSC36= 12V-36 nickel-cadmium 12LSC50= 12V-50W nickel-cadmium 12LSC72= 12V-72W nickel-cadmium 24LSC72= 24V-72W nickel-cadmium 24LSC100= 24V-100W nickel-cadmium	-0= No head -1= 1 head -2= 2 heads -3= 3 heads	150= EF150 (MR16 lamp heads)	LA= 6V-4W, MR16 LED LB= 6V-5W, MR16 LED LG= 12V-4W, MR16 LED LI= 12V-5W, MR16 LED LJ= 12V-6W, MR16 LED LL= 24V-4W, MR16 LED	Blank= No options -AD= Advanced Diagnostics (audible) ¹ -ADNA= Advanced Diagnostics (non-audible) ¹ -NEXRF= NEXUS® wireless (contact your sales representative) -C= Line cord 120V 3 feet -D3= Time delay (15 minutes)

Example: BLSC18-1150LA-AD

¹Minimum load required: 20% of load capacity

NYC Approved Prestige™ Edge-Lit Series

Premium die-cast aluminum
exit sign



Designed for elegant interiors, this premium die-cast aluminum exit sign uses a modular design for mounting flexibility. Clear acrylic legend panel features laser-etched 6" or 8" letters and chevrons; special wording available

UL 924 Listed

Complies with NEC, Life Safety Code and OSHA Illumination Standards

Standard features

• Construction

- Housing, trim plate, trim ring and canopy made of die-cast aluminum
- U-shaped clear acrylic Legend panel features laser-etched letters and chevrons
- 6" EXIT lettering legend available in red or green
- 8" EXIT lettering legend available in red
- Choice of finishes: white, black or brushed aluminum, polished brass, polished chrome or bronze

• Mounting

- Modular design allows for surface or recessed mount
- Canopy included for surface wall, end or ceiling mount applications
- Trim ring included for recessed wall or ceiling mount applications

• Electrical

120/277, 60 Hz

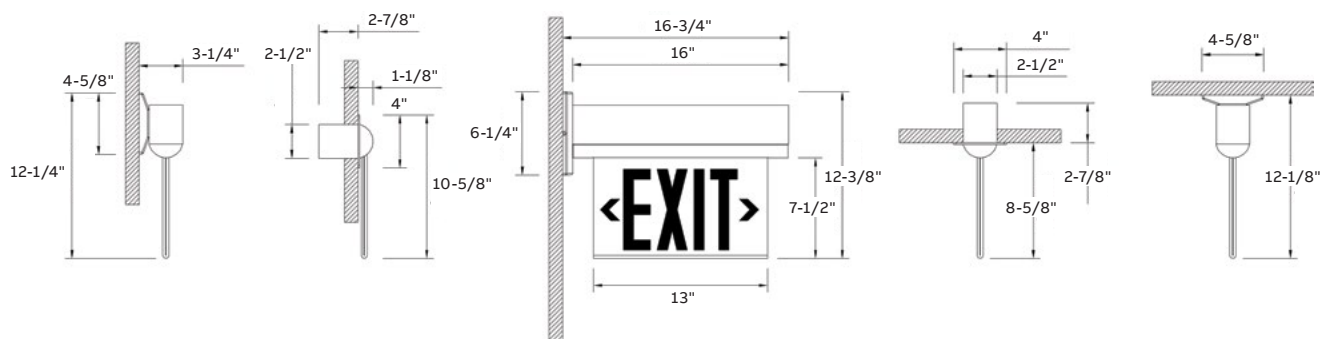
• Reliability

5-year limited warranty



Dimensions

Dimensions are approximate and subject to change.



—
Power consumption

Model		AC specs		DC specs
AC-only	120 to 277VAC, 50/60Hz	Less than 1.4W	—	—
AC/DC-remote	120 to 277VAC, 50/60Hz	Less than 1.4W	6 to 24VDC	Less than 1.4W
Self-powered	120 to 277VAC, 50/60Hz	Less than 2.3W	Ni-Cd battery	Min. 90 minutes
Self-powered diagnostic	120/277VAC, 50/60Hz	Less than 2.3W	Ni-Cd battery	Min. 90 minutes

—
How to order

Housing color	Series	Faces	Designation	Legend color	Background color	Arrows
Blank = Brushed aluminum	LX = AC-only LXN = Self-powered	1 = Single face 2 = Double face	N = New design	R = Red G = Green	C = Clear (single face only) W = White M = Mirror	Blank = No arrow D = Double arrow L = Arrow left R = Arrow right RL = Right & left (double face) UA = Universal field installed arrows
W = White						
B = Black						
PB = Polished brass						
CH = Polished chrome						
BR = Bronze						

Trim	Mounting	Options	Legend size
-C = Circular -A = Angular	Blank = Universal mount	Blank = No option -NEXRF = Nexus® wireless ¹ (consult your sales representative) -D = Self-test and diagnostic ¹ -DC = AC/DC remote 6-24 VDC -FA = Fire alarm ¹ -FZ = Flasher & buzzer ¹ -2CKT = Two circuit, AC only	Blank = 6" EXIT legend -8 = 8" EXIT legend (red only) -LP = Panel shipped separately -X = Back box shipped separately

Example: WLXN2NRWRL-A-D

¹Self-powered only

NYC Approved Prestige™ X40 Series

Edge-lit recessed ceiling-mount exit sign



In high visibility areas, the Prestige™ X40 Exit sign provides elegant designer details including a clear acrylic panel, recessed ceiling mount design, and brushed aluminum trim plate

UL 924 Listed

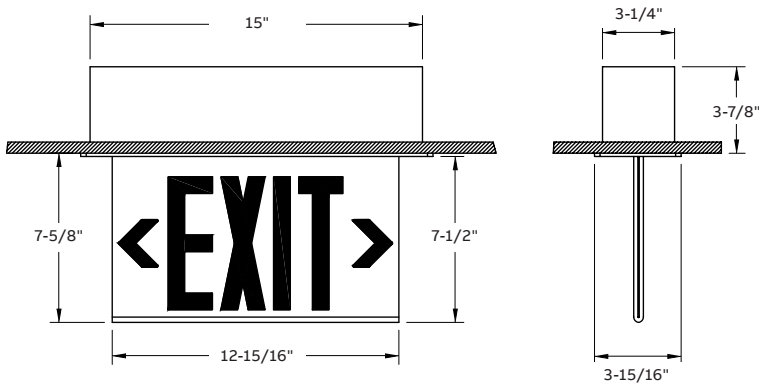
Complies with NEC, Life Safety Code and OSHA Illumination Standards

Standard features

- **Construction**
 - Housing, trim plate, trim ring and canopy made of die-cast aluminum
 - 6" EXIT lettering legend available in red or green
 - 8" EXIT lettering legend available in red

Dimensions

Dimensions are approximate and subject to change.



• Mounting

- Hanger bars included for lay-in installation in T-bar grid
- Housing provided with conduit knock-out 1/2", top, back and end
- Flat trim plate used for recessed ceiling mount only applications

• Electrical

120/277, 60 Hz

• Reliability

5-year limited warranty



Power consumption

Model	AC specs	DC specs
AC-only	120 to 277VAC, 60Hz	Less than 1.4W
AC/DC-remote	120 to 277VAC, 60Hz	Less than 1.4W
Self-powered	120 to 277VAC, 60Hz	6 to 24VDC
Self-powered diagnostic	120/277VAC, 60Hz	Less than 2.3W
		Ni-Cd battery
		Min. 90 minutes
		Ni-Cd battery
		Min. 90 minutes

How to order

Housing	Series	Faces	Designation	Legend color	Background color
Blank = Brushed aluminum	LX = AC-only	40 = Less panel	N = New design	R = Red	C = Clear (single face only)
W = White	LSNX = Self-powered	42 = Single face		G = Green	W = White
B = Black		43 = Double face			M = Mirror
PB = Polished brass					
CH = Polished chrome					
BR = Bronze					
	Arrows	Options			Legend size
	Blank = No arrow	Blank = No option			Blank = 6" EXIT legend
	D = Double arrow	-AD = Advanced Diagnostics (non-audible) ¹			-8 = 8" EXIT legend (red only)
	L = Arrow left	-NEXRF = Nexus® wireless ¹			-LP = Panel shipped separately
	R = Arrow right	-DC = AC/DC remote 6-24 VDC			-X = Back box shipped separately
	RL = Right & left (double face)	-FA = Fire alarm ¹			
	UA = Universal field installed arrows	-FZ = Flasher & buzzer ¹			
		-2CKT = Two circuit, AC only			

Example: WLSNX42NRWR-AD

¹Self-powered only

NYC Approved Prestige™ Economizer Series

Slim profile surface mount LED edge-lit exit sign



For design-sensitive public spaces, this elegant edge-lit exit sign complements modern décor. Available in AC-only, AC/DC, and self-powered models

Curved contour panel provides maximum illumination and clarity; special wording available

UL 924 Listed

Complies with NEC, Life Safety Code and OSHA Illumination Standards

Standard features

• Construction

- Die-cast aluminum housing
- 6" EXIT lettering legend available in red or green
- 8" EXIT lettering legend available in red
- Field installed stick-on chevrons
- Choice of housing and trim plate finishes, off white or textured aluminum

• Mounting

- Hanger bars included for lay-in installation in T-bar grid
- Housing provided with conduit knock-out 1/2", top, back and end
- Flat trim plate used for recessed ceiling mount only applications

• Electrical

120/277, 60 Hz

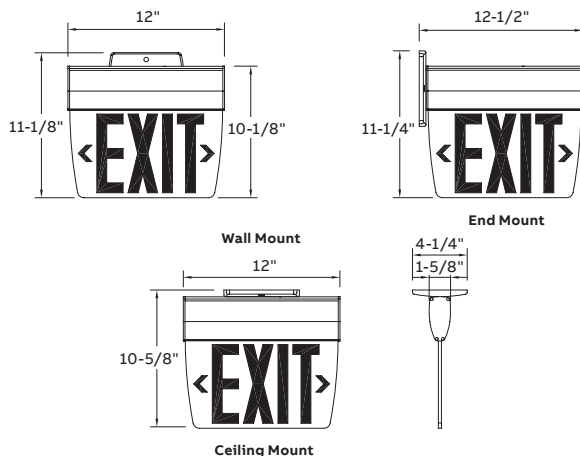
• Reliability

5-year limited warranty



Dimensions

Dimensions are approximate and subject to change.



Power consumption

Model	AC specs		DC specs	
	Power	Voltage	Power	Runtime
AC-only	120 to 277VAC	Less than 2W	-	-
AC/DC	120 to 277VAC	Less than 2W	6 to 24VDC	Less than 1.5W
Self-powered	120 to 277VAC	Less than 3W	Ni-Cd battery	Min. 90 minutes

How to order – Surface mount series

Housing color	Series	Face	Legend color	Legend size
TA= Textured aluminum OW= Off white	PE= AC PES= AC/DC PEN= Self-powered	1= Single face 2= Double face	RC= Red on clear ¹ RW= Red on white RM= Red on mirror GC= Green on clear ¹ GM= Green on mirror	Blank= 6" EXIT legend -8= 8" EXIT legend (red only)
Example: TAPE1RC				

¹Single face only



NYC Approved Prestige™ DX Series

Die-cast aluminum LED exit sign

For bold visual performance, the die-cast aluminum Exit sign faceplate is available in a range of finishes with a red or green legend

UL 924 Listed

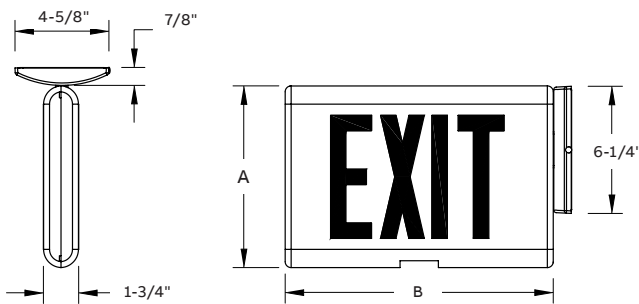
Complies with NEC, Life Safety Code and OSHA Illumination Standards

Standard features

- **Construction**
 - Faceplate, backplate and canopy are made of die-cast aluminum
 - 6" EXIT lettering legend available in red or green
 - 8" EXIT lettering legend available in red

Dimensions

Dimensions are approximate and subject to change.



• Mounting

- Surface mount
- Canopy included for end or ceiling mount applications
- Universal J-box mounting

• Electrical

120/277, 60 Hz

• Reliability

5-year limited warranty



Power consumption

Model 6"	AC specs	DC specs
AC-only	120 to 277VAC, 50/60Hz	-
AC/DC-remote	120 to 277VAC, 50/60Hz	6 to 48VDC
Self-powered	120 to 277VAC, 50/60Hz	Nickel-cadmium battery Min. 90 minutes
Model 8"	AC specs	DC specs
AC-only	120 to 277VAC, 50/60Hz	-
AC/DC	120 to 277VAC, 50/60Hz	6 to 24VDC
Self-powered	120 to 277VAC, 50/60Hz	Nickel-cadmium battery Min. 90 minutes

How to order

Color frame/faceplate	Series	# of faces	Legend color	Letters
Blank = Black/brushed aluminum	DXN = Self-powered unit	1 = Single face	R = Red	Blank = 6" letters
WW = White/white	DX = AC/DC	2 = Double face	G = Green	8 = 8" letters
WA = White/brushed aluminum			Open face ¹	
BZ = Bronze/bronze			RW = Red on white	
BB = Black/black			GW = Green on white	
AA = All brushed aluminum				
Diagnostic options	Options	Version		
Blank = Standard	Blank = Standard DL = Damp location VR = Vandal resistant screws VR1 = Polycarbonate shield with tamper proof screws ZCKT = 2 Circuit (120/120 or 277/277, AC only) ²	-N = New design ²		

Example: DXN1R-N

¹Open face required for special wording, only available on 6" models

²Not required for 8" letters

Distinction™ EF150 Series

Surface mounted designer light fixtures



Designer surface-mounted remote light fixtures meet a range of photometric requirements with MR16 LEDs in single, double or triple lamp head configurations



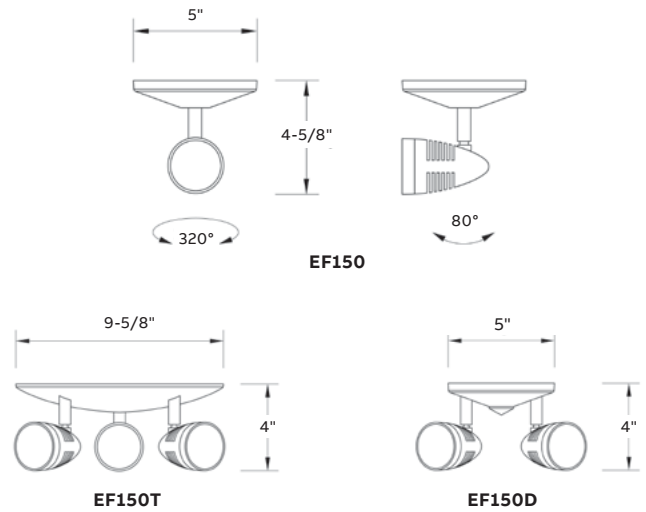
How to order

Series	# of heads	Color	Lamp type/ wattage
EF150=	Blank= Single head	-WT= White -BK= Black	(LA)= 6V-4W, MR16 LED (LB)= 6V-5W, MR16 LED
Decorative MR16 remote head	D= Double head T= Triple head		(LG)= 12V-4W, MR16 LED (LL)= 24V-4W, MR16 LED (LI)= 12V-5W, MR16 LED (LJ)= 12V-6W, MR16 LED (LV)= 120V-4W, MR16 LED

Example: EF150D-B(MK)

Dimensions

Dimensions are approximate and subject to change.



Luxray™ LED Series

Die-cast aluminum LED emergency lighting – interior or exterior



A two-in-one solution of accent lighting and emergency lighting for indoor or outdoor architectural spaces. Provides a contemporary look from a low-profile fixture. Powerful wide beam LED lights provide up to 640 lumens and impressive spacing of 50 to 70 feet

UL 924 Listed

NEMA-3R rated for indoor/outdoors cold-weather wet and damp locations: -4 to 104°F (-20 to 40°C)

Standard features

• Housing

- Indoor/outdoor suitable for wet location
- Slimline die-cast aluminum housing available in black, dark bronze (painted), off-white, and platinum gray
- UV-resistant (3" X 1.5") polycarbonate lens

• Lamp type

- Patent-pending light engine: four power LEDs with redundant connections
- 400-640 Lumens
- Color temperature: 4000K
- Optional forward-throw light distribution, for applications of outdoor egress
- Optional high-lumen output
- Optional dual-mode operation: normal and emergency LED lighting with separate AC inputs

• Mounting

- Hanger bars included for lay-in installation in T-bar grid
- Housing provided with conduit knock-out 1/2", top, back and end
- Flat trim plate used for recessed ceiling mount only applications

• Electrical

120/277, 60 Hz

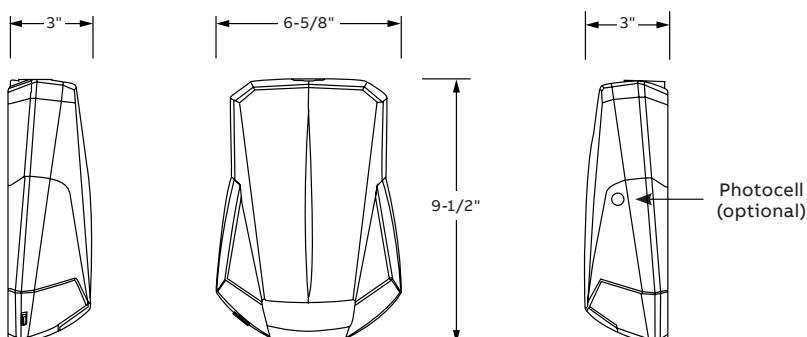
• Reliability

5-year limited warranty

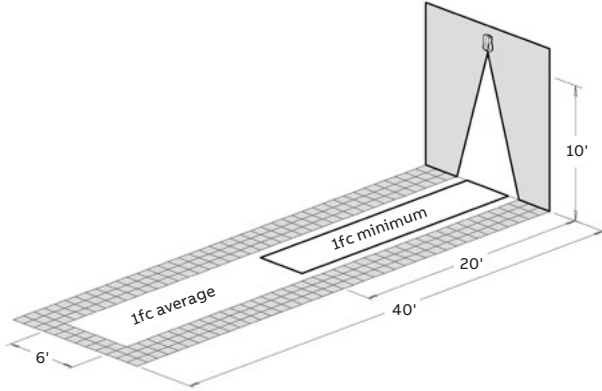


Dimensions

Dimensions are approximate and subject to change.



Photometric performance – Forward throw



Photometric performance – Wide beam

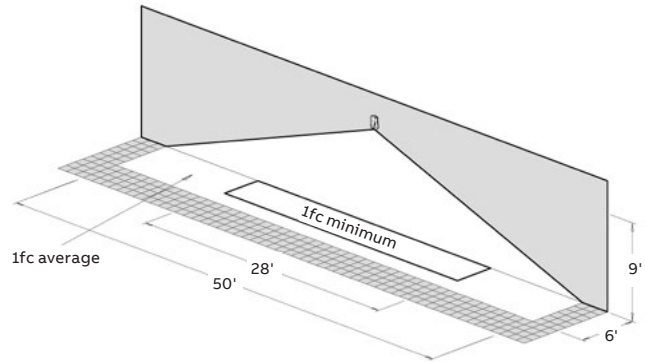


Table A – Spacing for minimum illumination = 1FC (1 foot-candle)

Model type	Mounting height	Lumen	Color temperature	Width X length (ft)	
				Single unit	Center-to-center
Standard	9'	400	5000K	4' x 28'	4' x 32'
With option -H	11'	550		4' x 32'	4' x 40'
With option -FT	12'	460		4' x 22'	-
With option -FTH	15'	640		4' x 27'	-

Table B – Spacing for NFPA101 – Average = 1FC (1 foot-candle)

Model type	Mounting height	Lumen	Color temperature	Width X length (ft)	
				Single unit	Center-to-center
Standard	9'	400	5000K	6' x 50'	4' x 32'
With option -H	11'	550		6' x 60'	4' x 40'
					3' x 70'
With option -FT	12'	460		6' x 40'	-
With option -FTH	15'	640		6' x 50'	-

Power consumption

Model	AC Specs: 120/277VAC				
	Normal lighting		Emergency lighting		6-12VDC remote
	Current (max)	Power (max)	Current (max)	Power (max)	
AC, 2AC, ACDC, DC (remote)	0.12/0.08A	12W	0.12/0.08A	12W	8W
AC-H, 2AC-H, ACDC-H, DC-H	0.18/0.11A	18W	0.18/0.11A	18W	14W
ACSD, SD, SD-H	0.12/0.06A	12W	0.05/0.02A	12W	-
SD-CW	-	-	0.15/0.07A	16W	-
ACSD-CWP, -CWRC ¹	-	-	0.22/0.10A	24W	-

How to order

Color	Series	Model	Options
B = Black	LUX = Lux-Ray LED	SD = Self-powered & diagnostic [-4-122°F (-20-50°C)] ACSD = Dual-mode AC / self-powered [-4-104°F (-20-40°C)]	-CW = Cold weather [-40-86°F (-40-30°C) not available with option -H]
BZ = Dark bronze			-D3 = Time delay (15 minutes)
OW = Off-white			-FT = Forward throw lighting
PG = Platinum gray			-H = High lumen output (max. 86°F/30°C; model SD only)
			-P = Photocell (ACSD only)
			-RC = Remote control test switch - infrared ¹

Example: BZLUXACSD-RC

¹For ACSD model only, remote control keypad (TB-RC1-E) ordered separately

Mini Inverter Series

Interruptible unit equipment



Provide power to existing lighting to function as emergency lighting when main power fails.

Standard features

- Reduce maintenance required for testing and automates self-testing for code compliance with improved diagnostics that provide continuous monitoring
- Ideal for LED, incandescent, and fluorescent lighting in architectural locations, reception areas and lobbies, and in commercial and retail spaces
- Available for load capacity up to 1000W
- Can be surface mounted; does not require floor space
- Compatible with most lamp types; operates switched, normally-on or normally-off fixtures; Includes a lighting control override for 0-10V dimming systems
- Allows remote mounting of emergency fixtures at distances of up to 1000 feet
- Choice of voltage: 120V in/120V out or 277V in/277V output operation, 60Hz
- Sealed maintenance-free 12V oversized valve regulated lead-calcium (VRLA) battery provides 90 minutes of emergency operation

• Approvals

- UL 924 Standard
- Meets or exceeds all National Electric Codes and Life Safety Code Emergency lighting requirements

Load shedding (250W only)

- During a power outage the emergency fixture is dimmed to 25% or 45% brightness output. Reducing wattage draw from the fixture will allow for more fixture to be connected to the Mini Inverter
- Maximum 20 Emergency fixtures can be daisy chained per EMIU 250

Load shedding (1000W only)

- During a power outage the emergency fixture is dimmed at field selectable level of 25%, 40% or 45% brightness output. Reducing wattage draw from the fixture will allow for more fixture to be connected to the Mini Inverter.
- Emergi-lite 1000W Mini inverter with 4C-24V option must be used in conjunction with RTS load shedding control device (Ordered separately)
- The EMIU-1000-4C-24V when in normal mode can accept a maximum of 1000watts per circuit
- Maximum 20 Emergency fixtures can be daisy chained to each RTS
- One RTS required for each circuit (Ordered separately)

For use of more than 4 RTS control devices contact factory

Low capacity: 32W, 55W

Reliability: Unit has a three-year full warranty

(excluding lamps and fuses).

Battery has a three-year full, plus an additional three-year pro-rata warranty



Medium capacity: 120W, 250W, 400W or 720W

Reliability: Battery has a 3-year full, plus 7-year pro-rata warranty. Unit has a three-year warranty (excluding lamps and fuses)



High capacity: 1000W

Optional: 4 output circuits allow for multiple switch compatibility

Reliability: 3-year warranty year warranty



Low capacity: 35W, 55W**Power consumption and unit rating**

Model number	Input rating	Emergency power available for load (90min)
EMILC32	41VA	32W
EMILC55	64VA	55W

How to order

Series	Capacity	Voltage	Battery type	Mounting
EMILC	32= 32W/VA 55= 55W/VA	Blank= 120/277VAC	Blank= Lead-calcium	-S= Surface mount housing -T= Plenum rated ceiling T-grid mount housing

Example: EMILC32-S

Medium capacity: 120W, 250W, 400W or 720W**Power consumption and unit rating**

Model number	AC specs	Emergency power available for load				
		90 Min	2H	3H	4H	
EMIU-125	120/277VAC	1.15 / 0.70 Amps	125W	83W	62W	47W
EMIU-250		2.75 / 1.20 Amps	250W	167W	125W	94W
EMIU-400		4.60 / 2.00 Amps	400W	300W	200W	150W
EMIU-720		9.60 / 4.00 Amps	720W	480W	360W	270W

How to order

Series	Capacity	Voltage	Diagnostic feature	Options
EMIU	-125= 125W -250= 250W -400= 400W -720= 720W	Blank= 120/120VAC or 277/277VAC	-Blank= Advanced Diagnostics, non-audible ¹ -AD= Advanced Diagnostics, audible ¹ -NAD= No auto test/ no Advanced Diagnostics -NEXRF= Nexus® wireless	-D3= Time delay (15 minutes) -LD25= Load shedding to 25% brightness ² -LD45= Load shedding to 45% brightness ² -SAC= Service alarm contact ³ -T= Recessed T-bar mounting (125W unit only)

Example: EMIU-720

¹ Minimum load required: 10% of unit capacity² Available on 250W models only³ Service alarm contact (SAC) shall provide a 24V signal, the charger board will indicate a fault by choosing a contact. Not available with 720 capacity**High capacity: 1000W****Power consumption and unit rating**

Model number	AC specs	Emergency power available for load			
		90 Min	2H	3H	4H
EMIU-1000	120/277VAC 12.8 / 5.3 Amps	1000W	807W	604W	489W

How to order

Model #	Voltage	Diagnostic feature	Options
EMIU-1000	Blank= 120/120VAC or 277/277VAC	-Blank= Advanced Diagnostics, non-audible ¹ -AD= Advanced Diagnostics, audible ¹ -NAD= No auto test/ no Advanced Diagnostics -NEXRF= Nexus® wireless	-D3= Time delay (15 minutes) -SAC= Service alarm contact ² -4C= 4 output circuits -4C-24V= 4 output circuits plus 24VDC output ³

Example: EMIU-1000

¹ Minimum load required: 10% of unit capacity² Service alarm contact (SAC) shall be provided a 24V signal, the charger board will indicate a fault by closing a contact.³ Can only be used with RTS-0-10V-24-E for load shedding applications**RTS Series**
0-10V dimming load shedding**How to order**

Series
RTS-0-10V-24V-E= 24V 0-10V dimming load shedding control ¹

Example: RTS-0-10V-24V-E

¹ Can only be used with EMIU-1000-4C-24V

EPC-2

Emergency transfer switch

Emergency power control for generator and mini inverters.
Supplies power to switched lighting fixtures



Mechanical specifications

- Mounts in 4-11/16" Junction box with single gang plaster ring
- UL94-5VA rating
- Shipping weight: 12oz
- Temperature: 32°F - 140°F (0°C - 60°C)
- Color: white
- Flush mounted single gang
- Body size: 3" x .7" x 1.2"

Emergency operation

- The EPC-2-E & EPC-2-D-E will operate any lamp type in the designated fixture for the duration of the generator or mini inverter supply

Initial illumination

- The EPC-2-E & EPC-2-D-E will operate the designated lamp at full light output

Approval

- UL 924 Listed

Housing

- Thermoplastic UL94-5VA suitable for plenum installations
- Compatible with LED, fluorescent and incandescent lamp types including standard, energy-saving, and electronic AC drivers and ballasts¹

Options

- 0-10V dimming standard on the EPC-2-D-E model
- **Advanced Diagnostics** standard on the EPC-2-E and EPC-2-D-E models

Lamp types

- During utility power interruption, automatically connects generator or inverter circuit to emergency fixture and bypasses switching control to full light output for duration of inverter or generator supply

Lumen output

- Allows switching control of emergency fixtures during normal operation
- Allows auxiliary generator power on a switched lighting fixture

Power requirements

- Dual voltage 120/277V 60Hz

Approvals

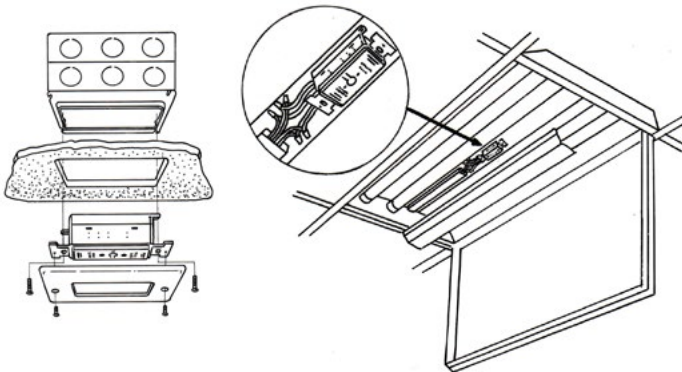
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements

Warranty (subject to proper installation and maintenance)

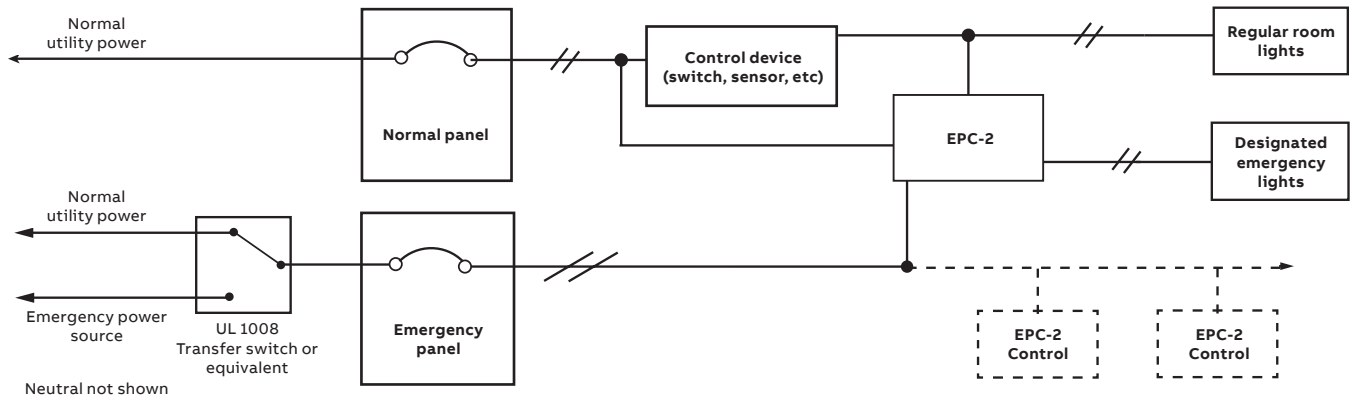
- Unit has a five-year warranty.
Detailed warranty terms located online at:
www.emergi-lite.com/usa/files/EL_warranty.pdf

¹When using EPC-2-E & EPC-2-D-E to control more than 10 emergency ballasts with a high corrective power factor capacitor, consult factory for more information regarding inrush currents.

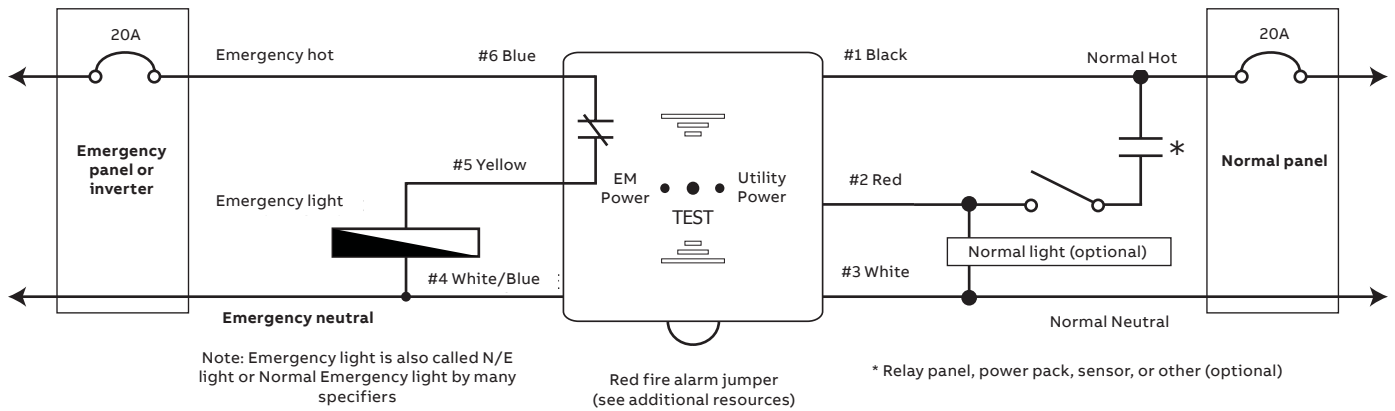
Mounting – wall and ceiling mount



Single line drawing



Wiring diagram



Specifications

Electrical	
Model number	EPC-2
Sensing input	120V-277V
LED load rating	120V-277V (20A)
Ballast load rating	20A (120-277V)
Incandescent load	1200W (120V)/1500W (277V)
Warranty	Five-year replacement warranty

Mechanical	
Mounting	4-11/16" Junction box with single gang plaster
Rating	UL94-5VA
Shipping weight/color	12 oz. / White
Temperature	32°F - 140°F (0°C - 60°C)
Flush mounted size	Single gang size
Body size	1.7" X 3" X 1.2" (W X H X D body)

How to order

Series

EPC-2-E= Emergency transfer switch
 EPC-2-D-E= Emergency transfer switch with **Advanced Diagnostics** and 0-10 dimming

Example: EPC-2-E

EPC Fixture Mounted Series

Emergency transfer switch



Emergency power control for generator and mini inverters.
Supplies power to switched lighting fixtures.

Mechanical specifications

- UL94-5VA rating
- Shipping weight: 8 oz
- Damp location
- Temperature: 32°F - 140°F (0°C - 60°C)
- Color: Black
- Body size: 4.9" x 0.9" x 1.2"

Emergency operation

- The EPC-2-FM-E & EPC-2-FM-D-E will operate any lamp type in the designated fixture for the duration of the generator or mini inverter supply.

Initial illumination

- The EPC-2-FM-E & EPC-2-FM-D-E will operate the designated lamp at full light output

Approval

- UL924 Listed

Housing

- Compatible with LED, fluorescent and incandescent lamp types including standard, energy-saving, and electronic AC drivers and ballasts¹

Mounting

- Mounts directly to fixture or panel mount

Options

- 0-10V Dimming standard on the EPC-FM-2-D-E model
- **Advanced Diagnostics** standard EPC-2-FM-E and EPC-2-FM-D-E

Lamp types

- During utility power interruption, automatically connects generator or inverter circuit to emergency fixture and bypasses switching control to full light output for duration of inverter or generator supply

Lumen output

- Allows switching control of emergency fixtures during normal operation
- Allows auxiliary generator power on a switched lighting fixture

Power requirements

- Dual voltage 120/277V 60Hz

Approvals

- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements

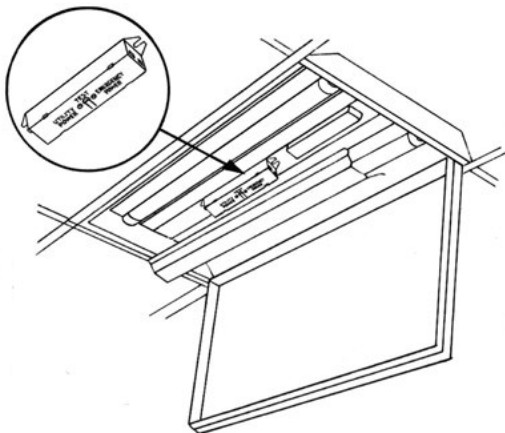
Warranty

(subject to proper installation and maintenance)

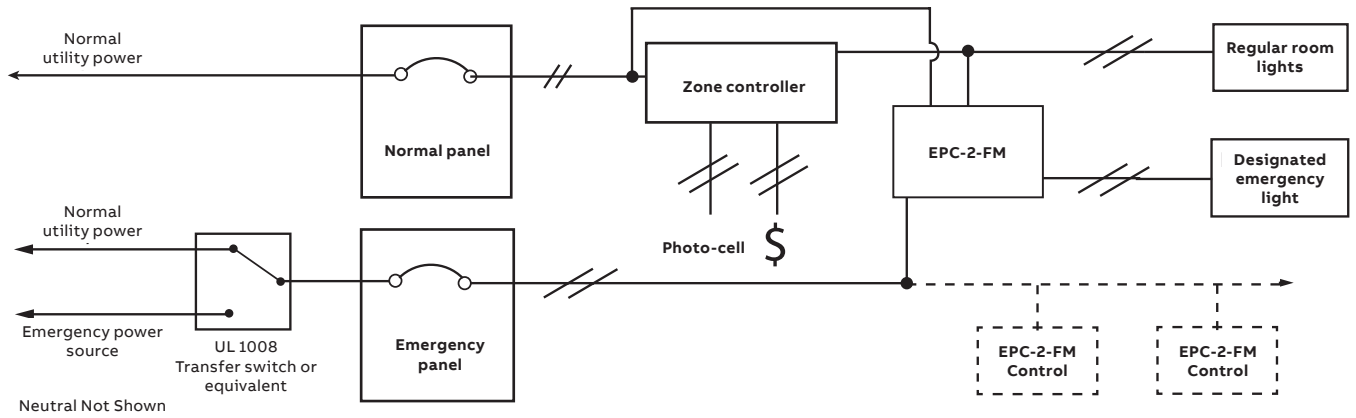
- Unit has a five-year warranty.
Detailed warranty terms located online at:
www.emergi-lite.com/usa/files/EL_warranty.pdf

¹When using EPC-FM-2-E and EPC-FM-2-D-E to control more than 10 emergency ballasts with a high corrective power factor capacitor, consult factory for more information regarding inrush currents.

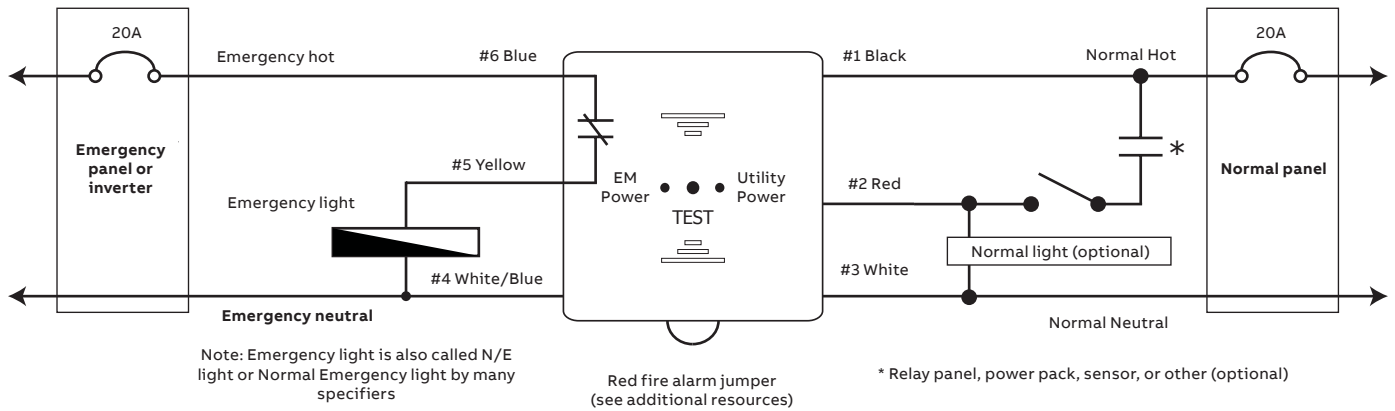
Mounting



Single line drawing



Wiring diagram



Specifications

Electrical	
Model number	EPC-2-FM
Sensing input	120V-277V
LED load rating	1A (120-277V)
Ballast load rating	5A (120-277V)
Incandescent load	360W (120V)/600W (277V)
Warranty	Five-year replacement warranty

Mechanical	
Mounting	Fixture mount, panel mount
Rating	UL94-5VA, Damp location rated
Shipping weight/Color	8 oz./Black
Temperature	32°F - 32°F (0°C - 60°C)
-	-
Body size	125mm X 25.4 mm X 30mm (L X H X W)

How to order

- Series**
- EPC-2-FM-E**= Emergency transfer switch fixture mounted with **Advanced Diagnostics**
 - EPC-2-FM-D-E**= Emergency transfer switch fixture mounted with **Advanced Diagnostics** and 0-10 dimming

Example: EPC-2-FM-E

FPDL Series

Linear emergency fluorescent battery pack

Convert new or existing fluorescent fixtures into emergency lighting units with emergency ballasts



UL 924 Listed

Damp location (50°F to 104°F)

Standard features

• Housing

- Low profile steel housing contains battery, battery charger, transfer circuit and high frequency inverter
- Optional end caps available
- Operating temperature 68°F to 122°F (20°C to 50°C)

• Mounting

- Internal or external mounting to a fluorescent fixture

• Electrical

- Can be wired to operate switched, un-switched or normally off fixtures without affecting normal operation
- Will cold start and illuminate lamps
- Dual voltage 120/277VAC, 2.5W

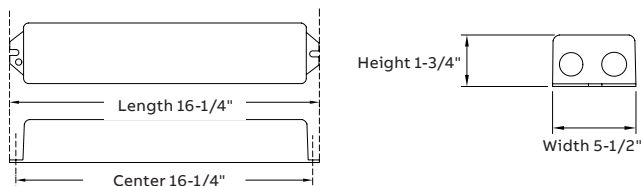
• Reliability

- 5-year limited warranty



Dimensions

Dimensions are approximate and subject to change.



How to order

Series

FPDL-28
FPDL-U
FPDL32
FPDL-HL-N

Example: FPDL-HL-N

When your project has to be on time, count on Emergi-Lite®

We have decades of experience providing outstanding service and fast delivery.

To make sure that your emergency lighting meets code requirements, our technical experts can do all of the following:

- Determine the spacing (distance) required between lighting units
- Recommend the best configuration to ease installation and minimize ongoing maintenance and testing
- Provide a certified technical drawing showing that your emergency lighting plan meets code requirements

Quality, safety, ease of installation, and long-term reliability are built in to every product from the beginning.

With our North American manufacturing facility, we have complete control over lead time, service, and quality. Our dedicated, experienced North American service team works with you as emergency lighting partners to ensure your satisfaction.



Emergi-Lite

Please consult our website for more information:

emergi-lite.com

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Lighting | Technology | Expertise

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